

What is claimed is:

1. A managing apparatus for managing data

necessary for providing a content, comprising:

reserving means for reserving a delivery

5 resource for each content;

storing means for storing reserved delivery

resource assignment information; and

transmitting means for transmitting the

reserved delivery resource assignment information.

10 2. A managing apparatus for managing data

necessary for providing a content, comprising:

content list displaying means for displaying  
a list of contents that can be provided;

reservation state displaying means for  
displaying a reservation state of a delivery resource;

content selecting means for selecting a  
content to which a resource is assigned; and

operating means for assigning a delivery  
resource to the selected content.

20 3. The managing apparatus as set forth in claim

1 or 2, further comprising:

transmitting means for transmitting a content  
corresponding to a reserved delivery resource.

4. The managing apparatus as set forth in claim

25 1 or 2, further comprising:

automatic designating means for automatically  
designating a delivery resource,

wherein an automatically designated delivery resource is operated.

5. The managing apparatus as set forth in claim 1 or 2,

5 wherein a delivery resource is assigned corresponding to a convenience of a content provider.

6. The managing apparatus as set forth in claim 1 or 2, further comprising:

10 converting means for converting the format of each content corresponding to a reserved delivery resource.

7. The managing apparatus as set forth in claim 1 or 2,

15 wherein a transmission resource is reserved for each content, the transmission resource being composed of a limited transmission band and transmission time, and

wherein each content is transmitted corresponding to the reserved information.

20 8. The managing apparatus as set forth in claim 1 or 2,

wherein a delivery resource is assigned in such a manner that a plurality of transmission paths are selected.

25 9. The managing apparatus as set forth in claim 1 or 2,

wherein a transmission resource is reserved

for each content, the transmission resource being composed of a limited transmission band and transmission time, and

wherein each content is stored corresponding

5 to the reserved information.

10. The managing apparatus as set forth in claim  
1 or 2,

wherein a reservation state can be browsed from one or more distributed environments.

11. The managing apparatus as set forth in claim  
1 or 2,

wherein a delivery resource can be reserved from one or more distributed environments.

12. A managing method for managing data necessary for providing a content, comprising the steps of:

reserving a delivery resource for each content;

storing reserved delivery resource assignment information; and

transmitting the reserved delivery resource assignment information.

13. A managing method for managing data necessary for providing a content, comprising the steps of:

displaying a list of contents that can be provided;

displaying a reservation state of a delivery resource;

selecting a content to which a resource is assigned; and

assigning a delivery resource to the selected content.